

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are available by contacting the **ESSHQ Procedures Coordinator, Bldg. 911A***

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

17.5.2.a ODH Main PCB Test Data Sheet

Note: This document was formerly a C-A Group Procedure. The content of the group procedure was verified for safe and reliable use as an OPM Procedure. All approvals and/or issue dates of the original group procedure are maintained for present use.

C-A-OPM Procedures in which this Attachment is used.		
17.5.2		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: Signature on File _____
 Collider-Accelerator Department Chairman Date

J. Reich

C-A-OPM-ATT 17.5.2.a

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Revision 00
May 4, 2007

ODH Main PCB Test Data Sheet

Technician 1: _____

Date: _____

Board Serial Number: _____

- 1) Adjusted 18.0 Vdc reading _____ Volts (limit 18.0 +/- .03 V)
- 2) 9.0 Vdc Reference voltage reading _____ Volts (limit 9.0 +/- 0.1 V)
- 3) 5.0 Vdc reference voltage reading _____ Volts (limit 5.0 +/- .05 V)
- 4) -5.0 Vdc reference voltage reading _____ Volts (limit -5.0 +/- .05 V)
- 5) Adjusted %O2 meter reading _____ Volts (limit 20.9 +/- 0%)
- 6) 18% Trip Level reading _____ Volts (limit 1.199 +/- .001)
- 7) Hysteresis reading _____ Volts (limit 1.245 +/- .015V)
- 8) ODH Relay U10 reading _____ Ohms (limit 0 – 1 Ohms)

Open circuit test: Pass _____ Fail _____

- 9) PLC Control reading _____ Ohms (limit 0 -1 Ohms)

Strobe test: Pass _____ Fail _____

- 10) Current limit reading: _____ mA (limit 400 mA +/- 25mA)
- 11) Low voltage dropout reading _____ Volts (limit 11.2 +/- 0.5 V)